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The Students of Worcester Polytechnic Institute

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TECH NEWS

Tech News
Stories
For Reporters
Alden Tower,
Tues., 4:15 P.M.

Z320

VOL. XXXIII

WORCESTER POLYTECHNIC INSTITUTE, WORCESTER, MASS., TUESDAY, OCTOBER 27, 1942

NO. 16

Professor Allen's "Gas Talk" Highlights Initial A.S.M.E. Meeting of New Season

Famed Bi-Annual Lecture Packs E. E. Lecture Room With Interested Tech Men

Over two hundred and fifty students attended the first A.S.M.E. meeting of the year featuring Professor Allen's famous "Gas-Talk". Professor Allen was introduced by Ted Pearson, President of the A. S. M. E.

Professor Allen said that his talk was based entirely on the laws of nature, and that, so far as he knows, nothing will burn until it is a gas, and then not until it mixes with air. The two main rules of extinguishing fires are to reduce temperature and exclude air.

Two similar vessels were on the lecture table, one containing kerosene, the other gasoline. His method of demonstrating which was which was to put a lighted match to the top of each vessel. On the top of the one containing gasoline a low flame burned, while on the one containing kerosene no flame was seen. He added that he did not advise this test for the students, especially in cold weather.

Demonstrating how fire can spread by gasoline vapor, he boiled some gasoline in a flask and then lighted it, whereupon the flame was seen to follow the vapors to the floor.

A small can containing a spark plug was used to demonstrate efficiency as the mixture of gasoline and air is varied. When the mixture was too lean or too rich, the top of the can would hardly be lifted from the can, while at the proper mixture it was blown well into the air.

He spoke about the ease with which a wood or coal fire may be started with kerosene providing certain precautions are adhered to. He advised that the best way to solder a gasoline tank was to take it to a tinsmith and then leave his shop until the job is done, as occasionally a tinsmith doesn't know how to do the job right. When Professor Allen is soldering a gasoline tank he prefers to fill the tank about half-full of gasoline, shake it up well, and then test the opening with a match to see that it burns quietly at the surface, and then he starts his soldering. He didn't advise this method to the students too highly but he recommended this method of trying to solder the gasoline tank when it is empty.

As a climax to his lecture he did his famous cigar trick, producing a cigar, getting a good fire going, and then putting it out by dousing it in gasoline. He then demonstrated that it is much easier to light a cigar which has been put out in gasoline than one which has been put out in water. He took a long puff on the

(Continued on Page 2, Col. 4)

Twenty-sixth Annual Tech Carnival To Be Presented Nov. 14

Frosh and Sophs Working On Skits In Competition For Coveted Carnival Cup

The entertainment hit of the season will be held Saturday, November 15, in Alden Memorial when the twenty-sixth annual Tech Carnival will be held under the auspices of the Student Christian Association. The Carnival has always been one of the best attended gatherings on the Hill and this year promises to be no different.

As usual, interclass competition between the freshmen and sophomores will be at fever pitch that night as both classes strive for the coveted Carnival Cup, which is awarded the class whose skit is judged best by the members of the faculty judging committee. The rules for the Carnival are the same as last year—all plays must be original, and must be approximately twenty minutes in length.

This year, however, the usual faculty skit will be missing. So many professors are doing so much extra

(Continued on Page 2, Col. 3)

Tom Crossley's Car To Be Changed Over For Thesis Project

Last Tuesday afternoon, curious passers-by watched Tom Crossley driving slowly around the parking area by the gym with Pierre Volkmar lying on the running board counting revolutions of the wheels with a stop watch. Freshmen thought it was probably some sort of hazing stunt but upper-classmen believed there was a more scientific reason behind it all, and so there was. The two men were just starting work on their thesis for graduation, the title of which is, "Installation and Performance Testing of the Rawson Coupling in an Automobile."

The Rawson Coupling is a coupling invented right here at Tech by Louis W. Rawson, consulting engineer for the Washburn Shops. It consists of two concentric drums, with brake shoes mounted on the inner one such that when it is revolved at high speed, centrifugal force presses the shoes against the outer drum causing it to revolve. This coupling is used extensively in industry for connecting electric motors to machinery. The object of this thesis experimental work is to find if it is feasible to use a Rawson Coupling in an automobile in place of the conventional transmission.

(Continued on Page 2, Col. 4)

Colored Movies Feature First Fall Assembly

"Cavalcade of South America" Presented by Mr. Weimer, Lecturer

Our first assembly of the current academic year opened last Wednesday, October 21, in Alden Memorial with the singing of the first stanza of "America" accompanied by Cliff Green on the organ. Ed Peterson, president of the senior class, then introduced the well-known artist, photographer, and lecturer, Mr. Weimer. Mr. Weimer showed the all-color, documentary film entitled, "Cavalcade of South America" which he himself screened during his 100,000 mile South American trip.

During the year and one half he spent in making this film, Mr. Weimer visited all of the South American countries with the exception of the British and French Guianas. This film took the audience all the way from the Gaucho-inhabited Argentine to the towering peaks of Columbia.

The early part of this picture showed the immense oil wells of Venezuela. There were thousands of these oil wells scattered over the eastern side of Lake Maricabo.

In travelling to and from the next few cities we were shown the modern, neat-looking houses, huge buildings, and churches, all of which seemed to resemble our North American buildings.

At Peru, Mr. Weimer was able to get some excellent pictures showing this desert country. This land is irrigated so as to make fine farming land.

After changing films we completed the journey by travelling through Chile and then east to the Argentine country. Mr. Weimer did a great deal of travelling by boat throughout this cold, rainy, sleety, cloudy country. We saw him travel through the rough and stormy Straits of Magellan.

Next we came to the magnificent, world-famous lakes on top of the Andes, and saw the great national park and its exquisite scenery, namely, the snow-capped mountains.

In completing our journey we saw some of the most magnificent and picturesque scenes of the entire film, the Iguazu water falls. These were over 800 feet high and extended for miles. In seeing the sunset as a gorgeous background behind these waterfalls, we left South America feeling that this continent is by far the most picturesque one in the world.

During the change of films, President Cluverius awarded the decora-

(Continued on Page 4, Col. 4)

Contribution by W.P.I. Alumnus Reaches Tech News From Hawaii

Golden Rule Relief Fund Campaign In Full Swing at W.P.I.

Voluntary Contributions To Worthy Cause Handled At Information Office

With the Worcester Golden Rule and War Fund 1942 United Campaign which went into effect on the Tech campus on Monday, coming to an end on Friday, all members of the faculty and student body are urged to take this opportunity to contribute more tangible support to the less fortunate members of our community. Fraternity houses will donate as individual groups. Similarly contributions from dormitory residents will be recorded under the name of Residents of Sanford Riley Hall. Non-fraternity and non-dormitory men should leave their contributions at the Information Office in Boynton Hall.

The Golden Rule Fund includes twenty-nine ordinary peace time organizations, and also thirteen war relief organizations. Contributions to this fund are shared between forty-two relief agencies. The reason for the banding together of these agencies was to save on the administrative costs of the campaign and also to conserve gasoline and tires.

Following is a list of the twenty-nine Golden Rule Fund Agencies benefiting from your contributions: Associated Charities; Bethel Help Association; Boys' Clubs; Boy Scout Council; Camp Fire Girls; Child Guidance Clinic; Children's Bureau—

(Continued on Page 2, Col. 5)

Tech Camera Club Has Guest Speaker At Its First Meeting

The first meeting this school year of the Tech Camera Club was held last Wednesday in the Janet Earle Room of the Alden Auditorium.

Mr. Charles Wagner of the Norton Company was guest speaker of the evening having "Present Day Trends of Photography" as his subject. His lecture was supplemented by the display of several of his prize winning salon pictures.

Eldbridge Smith, '45, was elected vice-president of the club by a special election. It was voted that he be the chairman of a committee to arrange programs for future meetings.

New members were welcomed to the club at this meeting, and were informed of the facilities available to club members. These include the usage of the darkroom in the cellar of Boynton Hall. Lockers are provided

(Continued on Page 3, Col. 4)

W. E. Crandall, '40, Relates Horrors Of Pearl Harbor

The TECH NEWS received a contribution from an alumnus a short time ago, and there is a story behind it. Mr. Walter E. Crandall, '40, included a dollar for the TECH NEWS, when he wrote via clipper mail to the office for his college record transcript. What is the story? Well, Mr. Crandall is with the Degaussing Division in Hawaii!

In a letter dated December 19, 1941, he wrote these lines:

"Perhaps you have been wondering about conditions out here in the blue Pacific, especially with regards to the recent raid. Not much of what transpired can be discussed at this time, but regardless of the immediate military gains of the Japanese the spirit of cooperation and determination which followed in the wake of the raid portends many an unhappy day for our not so honorable opponents. Of course it is extremely regrettable that such an expensive lesson had to be taught, and it is only hoped by us that the people back home will not have to be presented with such a living hell before they awaken to the fact that we are in a life or death struggle requiring the utmost co-ordination and cooperation from all.

"As for my own position, I have no regrets at being here. A purpose in life is necessary to make it livable, and a Hitler dominated world holds little prospects for me. So, I prefer to be situated where my ability will carry the most weight in the struggle. And there is more than enough for us to do. Thirty-six hour shifts have been more or less commonplace during the past few weeks but when the results of your labor stand before you, there are no regrets."

And on January 9, 1942, he added:

"Work is going on here at a fast and furious pace which bodes no good for the enemy. Unfortunate as it is that so much energy must be spent in removing a common enemy, it is extremely fortunate that our nation has fine schools such as Tech creating engineers to bolster our war production. Indeed the fate of the nation depends to a considerable extent upon the ability of these engineers to step up this production to meet the fighting force's needs. Physical prowess is of little avail against onrushing walls of steel."

Finally in March he wrote:

"We continue to work with all possible speed, and as time goes on we will deal out our share of the unhappy medicine of war upon the enemy. We

(Continued on Page 4, Col. 2)

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Editorial

Do Unto Others - -

Each year at this time, the Golden Rule Fund begins its annual drive to raise money for the support of Worcester's charities. And each year the people of Worcester and yes, the men of Tech, have responded magnificently to their appeal. But the situation confronting the organization this year is far different from any it has ever before experienced. The passage of time since the last campaign has seen our country plunged into a war that has threatened its very existence; and with such a war has come the pressing need for money to support the war-time relief organizations. And so, the Golden Rule Fund, in addition to keeping up their normal work, which years of experience in Worcester have proven so vital and necessary, are taking on the added load of war-time service.

Tech students who have witnessed previous campaigns fully realize the importance which the community of Worcester attaches to them. The charitable works made possible by this fund are too numerous and too far-reaching to be included in the scope of this article. But the campaign this year is not a localized affair, whose effects will be felt only by the people of this city. Rather, we might say that Worcester has taken upon itself a campaign that will touch the far corners of the world, a campaign that will bring comfort and protection to the people torn by war.

There is no need to paint a picture of these sufferings or to give a long detailed explanation of the needs of our foreign allies. We are college men, and as such, we should be able to understand world situations as they exist today. Are we then going to stand by and refuse to help the unfortunate peoples of China, Poland, and Russia, to mention a few of the countries who need our help, not only on the battlefield, but also on the humanitarian front? Certainly it is a simple matter to make a small contribution, even if, by doing so, we must deprive ourselves of some insignificant luxury. Think of the pleasure derived by knowing that a small sacrifice on our part will be instrumental in carrying on the charitable work in this and the countries abroad.

Above all, let us not make the mistake of thinking that our small contributions will never be missed in a drive that assumes such gigantic proportions. Indeed, if everyone took this attitude, what a miserable failure the campaign would be. Fortunately, this situation never has and never will exist in a country like America, but let it never be said that men of Tech ever entertained such an idea.

In time of war, with the color and drama of sufferings on the battlefield, we are inclined to forget the people at home or the people behind the battlefronts. Organizations like the Golden Rule Fund have tried to offset this feeling by carrying on their splendid work. This campaign needs and deserves the support of every Tech man. Give this support, and the satisfaction that we are doing our small part in these trying days will more than compensate whatever contribution we may make!

Radio Club Chooses New Officers and Makes Future Plans

Lebourveau Elected To Presidency; Code Course Offered To Club Members

The Tech Radio Club held the first meeting of the season last Friday in the E.E. Design Room with Richard S. Robinson acting as temporary chairman. The Radio Club, at one time, was one of the more active clubs on the Hill, but since the war started, and regulations concerning transmitting became so severe, the club has not been very active. However, since there are many freshmen interested in radio, along with the upper classmen who were members, the club expects to take on new activity this year. Interest will center about electronic projects other than transmitting, and the members will have separate groups for their projects, according to their interests. The club will also sponsor a code course for members.

As its first electronic project, the club will experiment with "wired wireless". Freshmen interested in this entertainment plan for Sanford Riley Hall may contact Alan Pearlman, Room 316, S.R.H. Further club plans for the future include experimentation on transmission of signals on light beams.

At the meeting, new officers were chosen. John W. Lebourveau was elected president and George Hyde and William Clapp were chosen vice-president and secretary, respectively. Richard W. Allen was chosen chief operator. Prof. Hobart H. Newell is faculty advisor.

The next meeting of the club will be held Friday at 4:00 in the E.E. Design Room, and after a brief discussion the members will retire to Alden Memorial, where the *Peddler* picture will be taken.

All Tech men who are interested in amateur radio or any phase of electronics are invited to join the Radio Club.

Tech Carnival

(Continued from Page 1, Col. 2) work in connection with the evening defense courses that they will be unable to devote the time this year. In place of the faculty play, a Junior-Senior play may be presented. As yet, nothing is definite in that respect.

Members of both the freshman and sophomore classes are busily whipping the scripts into shape so that rehearsals may start in a few days. The class of '45, who won the Carnival Cup last year with "A Night at Murphy's Bar" are out to win again this year. In the past, these skits have provided an opportunity for the students to poke a little good-natured fun at the profs and undoubtedly this year will bring forth its share of well intended satire presented in the true Carnival spirit. Chairman John G. Underhill

PERCY'S

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Fraternity News

T.K.P.

Theta Kappa Phi has been hard at work the past few weeks renovating the downstairs living rooms. Floors, ceilings, walls and woodwork are being refinished.

Plans for fall initiation, which is to take place next week-end, have been made and arrangements are complete.

P.S.K.

Last Sunday evening the members of Phi Sigma Kappa were hosts to a group of eleven soldiers under the command of 1st Lieut. Hal L. Adamson at dinner. Also present were Mr. Arthur E. Mathison, Massachusetts U.S.O. head and Mr. John A. Toomey of the Worcester Chamber of Commerce.

The soldiers were appearing in the Golden Rule Fund rally at the Worcester Auditorium, their part being to give a firing demonstration of a 37 mm. anti-tank gun and to take apart and assemble a machine gun while blindfolded.

Crossley

(Continued from Page 1, Col. 2) Crossley and Volkmar are continuing experiments started last year by Rodney Paige and William Ames of the class of '42, who designed in theory, a workable adaptation of the coupling for a car. The problem of this year's experimenters is to actually construct and install one of these couplings in an automobile and test its performance.

The wheel revolution counting last week was done to calibrate the speedometer with conventional transmission. Later when the centrifugal drive is installed, the same procedure will be repeated to compare any difference. The next step will be to make an accelerometer for measuring acceleration before and after installing the new drive. This meter (Continued on Page 4, Col. 3)

ASME

(Continued from Page 1, Col. 1) cigar, and then blew out a sheet of flame. By popular request he did this trick twice.

Throughout the lecture, Professor Allen had many humorous anecdotes to accompany each demonstration. After the lecture he answered questions put to him by the students.

The meeting of the A.S.M.E. followed at which the committee to be in charge of arrangements for the next meeting was named. They are: Victor Kohman, chairman, Dave Haight, Ed Lipovsky, and Ralph Schultheiss. The next meeting is planned for the last part of November.

of the Carnival Committee says that ticket arrangements, as yet incomplete, will be announced shortly.

Peddler Pictures To Be Taken This Week In Alden Memorial

Monday Oct. 26

4:15—

4:30—Glee Club

4:45—Student Christian Assoc. Cabinet

5:00—Tau Beta Pi

Tuesday Oct. 27

4:15—Interfraternity Council

5:30—TECH NEWS

4:45—Masque

5:00—Peddler Staffs

Wednesday Oct. 28

4:15—Tech Council

4:30—Band

Thursday Oct. 29

4:15—Cosmopolitan Club

4:30—Aero Club

4:45—Debating Club

5:00—Newman Club

Friday Oct. 30

4:15—Outing Club

4:30—Camera Club

4:45—Radio Club

5:00—Nautical Assoc.

Any more Freshmen or Sophomores who are interested in becoming members of the *Peddler* Editorial Staff should drop a note in the "L" box in Boynton to J. Loomis. All Freshmen and Sophomores are eligible for Staff membership.

Golden Rule

(Continued from Page 1, Col. 4) Natural History Society; Children's Friend Society; District Nursing Society; Employment Society; Fresh-Air Fund; Friendly House; Garden Cities; Girls' Club; Girl Scout Council; Girls' Welfare Society; Guild of St. Agnes; Home for Aged Colored People; Jewish Social Service Agency; Memorial Homes for the Blind; Memorial Hospital Aid Society; Rest Home Association; Salvation Army; St. Ann's Orphanage; Swedish Charitable Association; Swedish Old People's Home; Temporary Home and Day Nursery; Travelers Aid Society; Worcester Community Council; Y.M.C.A.; and Y.W.C.A.

The War Relief Agencies included in the campaign are: National Anti-Syphilis Committee; U. S. Committee for the Care of European Children; U.S.O.; War Prisoners' Aid; and Worcester District Blood Bank.

Mr. Harry G. Stoddard, President of the Community Chest of Worcester said, "While we concentrate, in a recent speech on the cam-

(Continued on Page 4, Col. 2)

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**Tech and Clark Frosh To
Battle On Tech Soccer
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SPORTS

TECH NEWS

**Interclass Track Meet
Alumni Field, Oct. 27th
and 28th at 4:15 P.M.**

Page Three

October 27, 1942



SPORT SIDELIGHTS

By Ed Peterson

For the third time in as many weeks, the Tech football team played heads-up ball during the first half, only to have the closing half bring disaster to the Techmen. In Saturday's game with Mass. State, it seemed for a while as if the team had at last gotten started. After a scoreless first period, Tech marched to score with apparently little difficulty. Feature of the drive was the Norige to Schmidt pass. After snaring the pass Schmidt saw himself well surrounded by Statemen, but he also saw tackle Don Buser a few yards away, seemingly ignored by the opposition. So the two former Rutherford, N. J., High athletes got together, Schmidt tossing a lateral to fleet-footed Don, who then sped with the speed of the Worcester-Winchendon train to the State ten before being forced out of bounds. Tech scored a few plays later, but then Mass. State got into the spirit of things and also scored, leaving the half-time score at 6-6. There the breaks and a few good passes by State caused the Tech attack to bog, and the Tech team, for the fourth time this year, kept its name out of the upset column. . . . New Hampshire nosed out Rhode Island by a 14-13 score. Tech travels to Kingston to play Rhode Island this weekend, and from all reports the Techmen can expect about the same kind of opposition that they had at Mass. State. While Rhode Island knocked off Mass. State a week ago, statistics

show that the game was a close one. Added to this is the fact that in the Rhode Island game State was without the services of Don Campbell, who was their big gun Saturday. Tech will enter Saturday's game decidedly the underdog, but with a few breaks there is a strong possibility that Tech's potentials will break out with some really good football. . . . R.P.I. took a beating from Union on Saturday, falling victim by a 38-6 score. Union tied with Trinity earlier in the season; so according to comparative scores, Tech should match up pretty evenly with Rensselaer. However, comparative scores mean next to nothing in this game of football, so it would be foolish to make predictions based on that count alone.

The cross-country team broke into the win column by nosing out Mass. State on Saturday. Lou Hallisey led the field at the finish, a feat which is rapidly becoming a habit with the speedy sophomore. Lou, unfamiliar with the State course, let Alec Campbell of State lead him around the field course, and then as they approached the stretch Hallisey simply strode into the lead to win with apparent ease.

Just as a closing note—those upsets, for which this season has been notorious, continue to pour in. A few include the Penn State-Colgate battle Princeton-Brown, and the amazing Yale-Dartmouth thriller.

Tech Booters Gain Third Victory In Five Starts With Easy Win Over Tufts, 3-1

Flink, Krackenberger and Swenson Boot Home Three Goals To Lick Jumbos

The Tech soccer team journeyed to Medford, Mass., last Saturday to take on the Tufts College booters in a league match, and three quick goals in the first half were enough to send the home team under to the tune of 3-1, giving the W.P.I. eleven their third victory in five starts this season. It marked the second straight year that the Tech team has beaten their opponent from Tufts by exactly the same score.

Tech never looked better than it did in the first half, which proved to be the complete downfall of the Tufts team. Driving hard, the ball was kept almost constantly in enemy territory. It can be said frankly enough that it was surprising that the score was not more than 3-0 at the half. The linemen kept driving at the Tufts goalie all the time, giving him no rest at all, but the shots were not too accurate. Then a sudden splurge at the end of the first quarter gave Tech its first score. This, by the way, was the second time in two years that the

Tech booters have scored first against their opponents. It was sophomore Marty Flink who booted home the initial goal on a nice pass from freshman Dave Hall. The goal came within one minute of the end of the first quarter. Then, reversing fields for the second quarter, Tech continued to drive at the opposing goalie and within four minutes had registered two more goals. Howie Swenson, unmolested at 20 yards out, booted a low liner with his left foot that found the left hand corner of the goal and the Tufts goalie didn't have a chance of beating it. Immediately following, Max Krackenberger didn't think that two goals were enough and booted home another one from the left side.

The rest of the half was completely in Tech's favor, but the scoring breaks were not taken advantage of, and, as a result, the half ended with the score 3-0 in favor of Tech.

The second half found Tech coasting, and the play was much more evenly divided. Substitutes from the Tech bench held Tufts in very good fashion, but their tricky left wing,

(Continued on Page 4, Col. 4)

Tech Harriers Blaze Way To Win, 27-29 Hallisey Again First

Kinne, Gault, Dave Brown Also Star In First Victory of Season at Mass. State

With their star Lou Hallisey returned to the team after a week's absence the Tech cross-country team proceeded to celebrate by pounding out a 27-29 victory over the Mass. State hill and dalers at Amherst last Saturday afternoon.

The weather was just right for running and the engineers were in peak form. Cliff Kinne ran his best race of the season to finish in third place, only a few yards behind the leaders, while Alan Gault and Dave Brown followed in fifth and seventh places respectively to turn in good times for the four-mile, rolling course over the Mass. State campus.

Lou Hallisey, as in previous races, let the opposition set the pace for the early part of the course. In this case Campbell of the Aggies was the pacemaker. However, in the home stretch, Lou cut loose with his powerful stride to overtake Campbell and gain possession of the lead to finish in twenty-one minutes and twenty-nine seconds.

It is interesting to note that last year the score was reversed with Mass. State on the winning end of the 27-29 score. The meet also marked his third first place out of the three races in which Hallisey ran this season, truly an excellent record.

The team was practically robbed of another sure victory by the cancellation of the meet at Nichols Field with Boston University on this coming Saturday. Evidently the fellows at B.U. have lost interest in the sport, for not enough men reported this year to make up a team.

This cancellation will, however, give the engineer team two weeks to train for their final meet with R.P.I. on the Worcester course. The team is in high spirits, and are out to take this meet as last year the team journeyed to Troy, N. Y., only to lose by the heartbreaking close score of 27-29.

Won by Hallisey, WPI; 2nd, Campbell, MSC; 3rd, Kenney, WPI; 4th, Caldwell, MSC; 5th, Gault, WPI; 6th, Dunn, MSC; 7th, David Brown, WPI; 8th, Newton, MSC; 9th, Kemp, MSC; 10th, Fitzpatrick, MSC; 11th, Hunt, WPI; 12th, Dayton Brown, WPI. Time: 21 minutes, 29.7 seconds.

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Bad Breaks Give Tech Football Team 4th Loss In As Many Starts

Frosh Soccer Team Succumbs To Clark Jayvee Booters, 3-0

Game Last Wednesday Still Finds Coach Smith's Boys Badly Lacking Experience

The inexperienced freshman soccer team dropped their second game of the season last Wednesday to the Clark J.V. team by a score of 3-0. The more polished Clark club had all the breaks over the frosh, whose only handicap was lack of experience. Moreover, the Clark boys were faster getting to the ball than the Tech men, who were content to let their opponents do all the work.

The first goal was made by Tagliavini of Clark in the first quarter. Soon after, Nordstrom of Clark scored their second point, but this time it was on a penalty kick. It was not until the third quarter that Clark got another point, and this time it was through no fault of their own. Unfortunately, the ball careened off a Tech man's leg into our goal, making the score 3-0.

In spite of the expert advice given to the freshmen by their coach Don Smith, they lack the experience that goes toward making a good team. Many of these boys have never played soccer before, and should be given credit for doing as well as they do. The Clark team had the added advantage of continual scrimmaging with the varsity, so that they are in reality only the varsity subs. The freshmen do not have this privilege, which would undoubtedly give them the valuable experience that they need so badly.

The lineups:

TECH FROSH

Avery g
DeLoid rf
Considine lf
Leveridge rfb
Brown chb
Smith lfb
Horne ro
Raymond ri
Hall cf
Dayton li
Loo lo

Substitutions for Tech: Slaughter, Lacedonia, Petrillo, Lyons, Whitcomb, Farnsworth, White.

CLARK J.V.

g Nelson
lfb Singer
rfb Babigan
lfb Nylund
chb Basini
rfb Pappas
ro Fistori
ri Tagliavini
cf Nordstrom
li Merzigan
lo Sibley

Camera Club

(Continued from Page 1, Col. 4)

in this room for members who wish to keep photographic equipment there. Former club members who do not intend to use their lockers this year were urged to return their keys, in order that present members may be assigned to these lockers.

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POST OFFICE STATION**

Tech Makes First Score With Norige Carrying The Mail

The breaks continued to go against Worcester Tech's football team as the Mass. State eleven came from behind to score an 18-6 triumph at Amherst last Saturday. Tech scored early in the second period, and it was the first time that the engineers found themselves leading a ball game since they beat R.P.I. to close the 1940 season. However, the Tech lead was short-lived as bad breaks and the very weak Tech pass defense combined to give the Statemen their victory.

Don Campbell, triple threat transfer from Dartmouth, ran, passed, and kicked the Amherst club to their first victory in four games. The State star passed for one score, threw the pass for another, and was the only real offensive threat in the State's attack.

The first period failed to produce any kind of score as the play surged back and forth between the Tech 20 and the Mass. State 35. However, early in the second quarter Tech, through smart teamwork, set up and made the first score of the game. Charlie Schmidt, injured triple-threat star of the engineers, who saw only spasmodic service due to his shoulder injury, returned a State punt to Tech's 49. Here Hugo Norige, Tech's line-busting fullback, tossed an aerial to Schmidt on the State 39. Spinning as he was tackled, he spotted Don Buser yelling for a lateral off to one side and threw the ball to the big tackle who raced to the 8 yard line before being dragged down. With Norige carrying twice and Schmidt once, the ball rested on the one-half yard line where Norige blasted his way across for the score.

However, the breaks started to go against Worcester, and the Statemen tied up the score. Burt Hinman of Tech intercepted a State pass in his end zone which would have given Tech the ball on their own 20 and stopped the State drive. However, interference was called on the play, and the Amherst club was given the ball on the Tech one. After being stopped cold on the first play and receiving a five yard penalty on the second, State went into the air with a Shannon to Keough pass for the tying score. Both conversions were wide.

State started to go early in the third quarter. With the ball on the Engineer 46, Keough got off to a bad start on a play as he fumbled the pass from center. However, on the dead run he picked up the ball and fired a pass to Don Campbell who caught it on the sidelines and scooted the remaining 28 for a score.

The last State score came in the fourth period. Tech, forced to punt

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Tech Dramatic Association To Present "Mr. and Mrs. North" As Its Fall Play

Major Portion of Cast Is Already Chosen As Result of Last Week's Tryouts

Members for the cast of "Mr. and Mrs. North," this fall's Masque presentation, were selected last Friday evening, October 23, in Alden Memorial. The three-act play by Owen Davis will be presented on one of the evenings of the weekend of the Interfraternity Ball. The exact dates of the holiday ball and play have not yet been definitely set but it is expected that the weekend before Christmas, that of December 19 and 20 will be chosen.

Mr. Charles Rugg, veteran director of many Masque productions, will once again stage this fall's show. Assisting him will be Professor D. G. Downing.

The students selected for parts in "Mr. and Mrs. North" were: Mr. North, I. James Donahue, '44; Buono, Joseph D. Carrabino, '45; Mrs. North, Eileen McPhee; Claire Brent, Pat Taylor; Louis Berex, Colin H. Handforth, '43; Ben Wilson, Sherwood Vermilya, '46; Clinton Edwards, Bruce Edwards, '46; Cooper, Malcom White, '46; Lt. Weigand, Carl Clark, '45; Detective Mullins, David MacIntyre, '46; Jenkins, Martin Flink, '45; Assistant Medical Examiner, Richard Russell, '44; Jones, Les Davis, '44; Ross, Clifford Moller, '43; Fuller Brush Man, Irving B. Gerber, '44; Inspector O'Malley, Robert Bartlett, '46; Timothy Barnes, Averill S. Keith, '43; Gordon, Ralph Fraser, '43; Corpse, Robert Dieterle, '45.

The cast will rehearse twice a week, on Monday and Friday evenings, until the presentation of the show. Two female parts have to be filled yet, so anyone knowing any female talent should direct it towards Alden Memorial on rehearsal evenings.

The play is based on stories by Frances and Richard Lockridge, which appeared in various issues of the *New Yorker Magazine*. It was very successfully produced at the Belasco Theatre in New York by Alfred de Liagre, Jr. Pamela and Gerald North are a pleasant young married couple living in Greenwich Village in a quiet way. Outside of his small publishing business Gerald doesn't have much to occupy his mind except Pamela's hairbrained doings and remarks. One evening after Mr. North had just returned from a business trip to Philadelphia three friends, Louis Berex, Claire Brent, and Ben Wilson came to his house to take him and his wife to a cocktail party, but they decide to stay home because it seems that someone has been in their apartment. When the guests left the house Pam opened the closet door and out fell the dead body of a strange man. The body is identified as that of Mr. Brent, Claire's husband. A clue to the murder is unearthed by Pam, and when she is to be given some information by the Postman he too is killed. Pam finally unmasks the murderer with her ingenious accusations.

Alumni

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were rather crudely awakened last night by two or three bombs falling in the neighborhood. The twenty foot craters are on the slope of the mountain, right up the street from here, but we haven't had time to go up and look them over yet.

"I hope that all is quite well at the Institute, and I would not mind being back there for a few days' relaxation, but I am afraid that this is just one of those dreams that couldn't come true. But there'll come a day, someday!"

For the contribution, and for an interesting story, the *TECH NEWS* thanks Mr. Crandall, and reiterates his hope, "There'll come a day, someday!"

Football

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from their own end zone, ended up with the Mass. State team on the Tech 32. Campbell and Shannon ran to the 3. However, here the Tech line stiffened and forced the Statemen to take to the air as Campbell pitched to Boudreau for the touchdown.

There were several very evident weaknesses in the Tech team. They were the very poor pass defense, the tackling, and for the most part of the last half the Tech backs were playing "Ball, ball, who wants the ball" as they fumbled all over the field. Since, due to these faults, Tech was confined to their own territory most of the time, they were unable to put on much of an offensive show.

The lineups:

MASS. STATE	TECH
Stead le	le Herzog
Yergeau lt	lt Buser
Norton lg	lg Fyler
Hitchcock c	c Sheridan
Storozuk rg	rg Economu
Pusher rt	rt Matzelevich
Boudreau re	re Scott
Masi qb	qb Montgomery
Salwak lhb	lhb Krysiak
Campbell rhb	rhb Peterson
Fedeli fb	fb Norige

Golden Rule

(Continued from Page 2, Col. 5)

paign said, "While we concentrate upon battle scenes, upon our fighting men, their heroism and their needs, we must remember that all people are important. A timeless opportunity is being given us, through this Golden Rule and War Fund Campaign, to make concrete and tangible our fundamental belief that not only our people at home merit sympathy and protection but that people all over the world, deploring the needless wastes and the terrors of warfare, are one with us in this hour of need."



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Engineer Yachtsmen Are 4th In Charles River Basin Regatta

Last Sunday the Worcester Tech Nautical Association sent a group of six members to participate in a regatta on the Charles River Basin in Boston. The series of races was to determine the entries for the annual Schell Trophy Race at M.I.T. on Oct. 31st. The associate members of the New England Intercollegiate Yacht Racing Association were the participants.

Worcester Tech entered six men: Foster and Wholean, '44, Sheldrick, '45, and Whitney, Hossack, and Rawdon, '46. The Tech teams were up against some stiff competition, however, and had to be satisfied with a fourth place and 38 points.

Results: Holy Cross, 74; Boston College, 72; R. I. State, 66; W.P.I., 38; Middlebury, 24. Weather—Overcast, Wind—N.E.

Track Meet Is Next Event For '45 - '46

The inter-class track meet, the third of the Freshman-Sophomore competitive events, will be held Tuesday and Wednesday afternoons, October 27 and 28, at 4:30. It had been originally scheduled for Thursday and Friday of last week, but was postponed.

This affair will count two points for the Goats Head. The Freshmen now lead in this race 3 to 2 as a result of their near-record victory over the Sophs in the Rope-Pull.

Crossley

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is being made with an old Victrola motor and a suspended weight such that a graphical result may be obtained. All these experiments pertaining to performance with conventional transmission must be made first, since installation of the coupling will require cutting and welding operations which will make it difficult to return the car to its original condition. Tom Crossley is very optimistic about results and has sacrificed his car in the interests of science. Crossley and Volkmar are working under Prof. Price and Mr. Holbrook of the Dept. of Mechanical Engineering. Tech has seen much experimental work on automobiles during the past year with converters to run cars on kerosene and overshoes to save tires, but this latest problem seems to top them all.

Soccer

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Gehling, found himself alone in front of Tech's goal long enough to boot home Tufts' only goal of the game. A penalty kick in third quarter was not taken advantage of by inside right Henry Der, his kick going high and to the right of the goal posts. Goalie Jones made some magnificent stops in this quarter for the W.P.I. booters.

Glenn Hill, playing his first game of the season, lived up to his position as captain very easily as he displayed the old form of last year that made him the outstanding player on the team. More than once he booted the ball down the field at least forty yards to one of his line men. Newt Burr also played a swell game for the victors.

Tech will meet the usually strong Clark University team (which held Coach Higginbottom's men last year to the score of 1-1) next Saturday at Clark field, and will be out to avenge last year's tie. Harry Merkel, ex-captain of last year, who was out of Saturday's game with an injured eye,

will be back in the lineup as usual. This added strength in the backfield, brought about by Hill and Merkel, will definitely make the Tech team the favorite in that game, but it must be noted that Clark has a habit of upsetting the Tech team when they are favored. So it will be a tough and hard fought game between these two rivals.

The lineups:

TUFTS	TECH
Drew g	g Jones
Waldron rf	rf Hill
Ryan lf	lf Thompson
Scott rhb	rhb Lindroos
Finn chb	chb Swenson
Charnock lhb	lhb Burr
Mergendahl ro	ro Hellig
Belle ri	ri Hall
Shapiro cf	cf Flink
Der li	li Lagerholm
Gehling lo	lo Krackenberg
Substitutions: Tech—Twitchell, Schultheiss, Collins, Dember, Tarr, Moulton, Hagstrom. Tufts—Lynch, Jenkinson, Shephard.	
Referee: Johnson.	
Time: 22-minute quarters.	

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